

Consideration of Natural and Human Environment

In recent years, the environmental considerations have come to the forefront of the transportation planning process. Section 102 of the National Environmental Policy Act (NEPA) requires consideration of impacts on wetlands, wildlife, water quality, historic properties, and public lands. While a full NEPA evaluation was not conducted as part of the CTP, potential impacts to these resources were identified as a part of the project recommendations in Chapter 1 of this report. Prior to implementing transportation recommendations of the CTP, a more detailed environmental study would need to be completed in cooperation with the appropriate environmental resource agencies.

A full listing of environmental features that were examined as a part of this study is shown in the following table utilizing the best available data. Environmental features occurring within Rockingham County are shown in Figure 10.

Table 1 – Environmental Features

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| <ul style="list-style-type: none">• Air Quality Pollution Discharge Points• Ambient Water Quality Monitoring Sites• Anadromous Fish Spawning Areas• Animal Operation Permits• Artificial Marine Reefs• Beach Access Sites• Benthic Monitoring Results• Bottom Sediment Sampling Sites• Cemeteries• Churches• Citizen Water Quality Monitoring Sites• Closed Shellfish Harvesting Areas• Coastal Reserves• Conditionally Approved Shellfish Harvesting Areas• Conservation Easements, US Fish & Wildlife Service• Conservation Tax Credit Properties• Discharger Coalitions' Monitoring Sites• Ecosystem Enhancement Program (EEP) Local Watershed Plans, 2004 | <ul style="list-style-type: none">• Ecosystem Enhancement Program (EEP) Targeted Local Watersheds, 2004• Federal Land Ownership• Fish Community Sampling Sites• Fisheries Nursery Areas• Game Lands – Wildlife Resources Commission• Groundwater Incidents, unverified• Groundwater Recharge/Discharge• Hazardous Substance Disposal Sites• Hazardous Waste Facilities• Heavy Metal & Organic-Rich Mud Pollutant Sample Sites• High Quality Water and Outstanding Resource Water Management Zones• Hurricane Storm Surge Inundation Areas• Land Trust Conservation Properties• Land Trust Priority Areas• Lands Managed for Conservation & Open Space• Macrosite Boundaries• Megasite Boundaries• National Pollutant Discharge Elimination System Sites (NPDES) – Major and Minor |
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